

LTD

AN 1988-026366 [04] WPIDS

DNC C1988-011924

TI Porous material used for hygiene, clothing, etc. - comprises compsn. consisting of polyolefin resin, filler and mixt. of hydrocarbon polymer with side chain and ester.

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PA (KAOS) KAO CORP

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PI JP 62288640 A 19871215 (198804)* 5p <--
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ADT JP 62288640 A JP 1986-133087 19860609; JP 06099581 B2 JP 1986-133087 19860609

FDT JP 06099581 B2 Based on JP 62288640

PRAI JP 1986-133087 19860609

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AB JP 62288640 A UPAB: 19930923

Porous film comprises melt moulding a compsn. consisting of 100 pts. wt. of polyolefin resin, 50-200 pts. wt. of filler and 5-50 pts. wt. of third component, which consists of a mixt. of hydrocarbon polymer with side chain and ester, to form a film and stretching the film.

Has good longitudinal tear strength at least one of the acid and alcohol, which constitute the ester, is branched. The polyolefin resin is pref. polyethylene and/or polypropylene, esp. linear low density polyethylene.

Stretching treatment is monoaxial stretching with magnification of 1.5-3.0 times. As the filler, organic filler, e.g. wood powder, pulp powder, etc. and inorganic powder, e.g. gypsum, clay, talc, kaolin, silica, alumina, mica, zeolite, carbon black, etc. are cited.

USE/ADVANTAGE - Used for hygienic material, medical material, clothing material, etc. which need flexible feeling, good moisture permeability and liq. penetration resistance and strength. In partic., it is used for throwaway diaper due to strength useful for bearing part of fastening function.

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